

Advance Diploma in **Nautical Studies**

(KPT:N/0414/4/0012) (MQA/PA 15563)



WHY CHOOSE ALAM?

ALAM (Akademi Laut Malaysia) is renowned for its long-standing reputation as a premier maritime training institution in Malaysia. As an institution aligned with international maritime standards and recognized by regulatory bodies such as the International Maritime Organization (IMO), ALAM offers cutting-edge training programs that ensure graduates are well-equipped to meet the evolving demands of the global maritime industry.

PROGRAMME OVERVIEW

The Advanced Diploma in Nautical Studies (ADNS) is a one-year, comprehensive program designed to prepare students for the role of Master or Chief Mate on ships of 3000 Gross Tonnage (G.T.) or more, in line with the STCW 1978 Convention as amended by the MANILA Amendments 2010. The program combines both theoretical and practical learning, ensuring that participants acquire the competencies necessary for international certification. The course structure meets the mandatory minimum requirements for competency under Table A-II/2 of the STCW Convention, ensuring that the course delivers both academic excellence and practical relevance.

ASSESSMENT SYSTEM

Continuous Assessment: Students are assessed through written exams, practical tests, assignments, and presentations.

Final Examination: Each subject culminates in a final exam, ensuring students have mastered the content required for certification.

Learning and Teaching Strategies	Assessment Methods
Lecture, Tutorial, Discussion	Written Tests, Quiz, Assignment
Practical, Demonstration	Practical Tests
Case Study, Project, Group Work	Presentation, Essay, Project, Portfolio

CAREER OPPORTUNITIES

Upon successful completion of the ADNS program and the requisite sea time, graduates can pursue the following career pathways:

- I. Master or Chief Mate of vessels with 3000 G.T. or more on unlimited voyages.
- II. Ship Manager or Marine Superintendent within shipping companies.
- III. Maritime Safety Inspector or Port Captain.
- IV. Marine Trainer or Instructor in maritime academies and training centers.

The course opens doors to leadership roles in maritime navigation, operations, and safety management, offering students the potential to progress to the highest levels in the maritime industry.



Study Pathways

Graduates of the ADNS program can further their education by pursuing:

Bachelor's Degree in Maritime Studies, Management, or other related fields

Master's Degree in Maritime Studies, Ship Operations, or International Shipping

Specialized Certifications in maritime safety, maritime law, or advanced navigational techniques

Post-graduate Research in maritime safety, environmental studies, or autonomous vessel operations

The ADNS program provides a strong foundation for those wishing to expand their career opportunities through further studies

Programme Structure

**Duration of
Study 1 Year**

Meteorology

Gyro & Magnetism

Collision Regulation I

Ship Stability (Part 1)

Engineering and Control Systems

Penghayatan Etika dan peradaban

Ocean Navigation and Navigational Aids

Coastal Navigation and Passage Planning

Application of Leadership & Team Working Skills

Semester 1

Co-curriculum

Final year project

Ship Construction

Ship Stability (Part 2)

Pengajian Malaysia 2 /
Bahasa Melayu Komunikasi I

Cargo Handling and Stowage

Ship Master Business Management

Seamanship + Collision Regulation II

Semester 2

Industrial training (sailing)

Semester 3

Each subject is delivered through a blend of lectures and practical sessions ensuring the acquisition of both theoretical knowledge and hands-on experience.

Minimum Entry Requirements

Hold an Unlimited Watch-keeping Officer (WKO) certificate of competency
and
Have twelve (12) months of sea service as WKO
and
Hold a Diploma in Nautical Science (DNS) from the ALAM, or equivalent
and
For foreign students, have an IELTS 5.5 or equivalent for English language ability

English Language Proficiency Requirements

For foreign candidates, a minimum of Band 5.5 in IELTS (International English Language Testing System) or an equivalent English language competency examination is required.

Awards & Accreditations



MINISTRY OF HIGHER EDUCATION



Akademi Laut Malaysia

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78200 Kuala Sungai Baru, Melaka

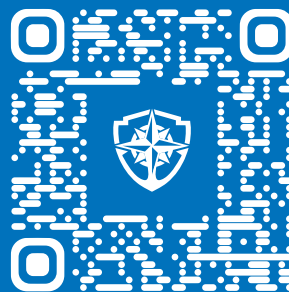
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